

甘肃省瓢虫一新种

(鞘翅目：瓢虫科)

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本文描述鞘翅目 (Coleoptera) 瓢虫科 (Coccinellidae) 小毛瓢虫族 (Scymnini) 弯叶毛瓢虫属 (*Nephus* Mulsant) 一新种。模式标本保存于华南农业大学昆虫标本室。

民勤弯叶毛瓢虫 *Nephus* (*Sidis*) *minqinensis* Mao et Li, 新种

体长：1.8 mm；体宽：1.4 mm。

虫体长圆形，鞘翅侧缘圆弧形，背面中度隆起。背面披毛。体黄褐色，头部、前胸背板、小盾片、鞘翅基缘及鞘缝附近的基部色较深 (图 1: A)。腹面及足红褐色，但胸部色较深。触角粗短，10 节，基节扩大，由一节组成，但仍留下分节的痕迹。触角端部 5 节组成棒状 (图 1: C)。后基线伸向第一可见腹片后缘并成弧形弯曲伸向外缘基部 1/4 处 (图 1: D)。雄性外生殖器特征如图 (图 1: E, F, G)；弯管端部收窄，并弯向外方，弯管于末端之前具有透明的萼状突出 (图 1: F, G)。阳基粗短。中叶不对称，略短于侧叶 (图 1: E)。

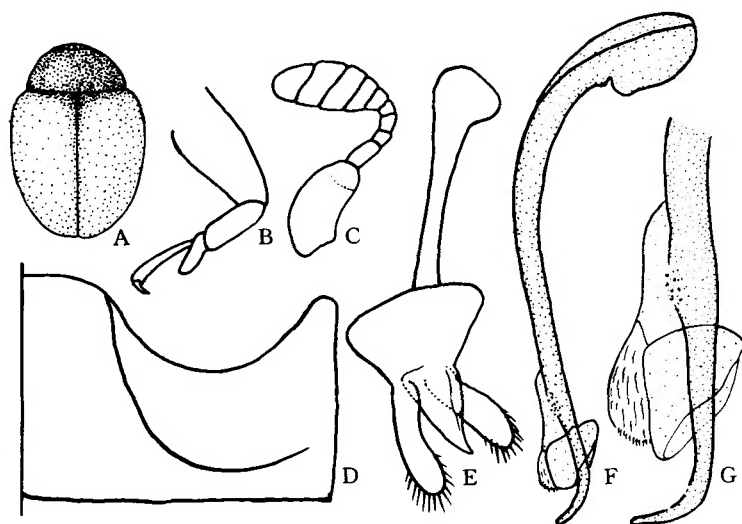


图 1 民勤弯叶毛瓢虫 *Nephus* (*Sidis*) *minqinensis*, Mao et Li, sp. nov. 的形态特征

A. 外形背面；B. 跗节；C. 触角；D. 后基线；E. 阳基；F. 弯管；G. 弯管端放大

正模: ♂, 编号 8191 (6), 1981. V. 18, 李亚哲采自甘肃省民勤县。副模: ♀, 编号 8191 (7), 1981. V. 18, 李亚哲采自甘肃省民勤县。

本种的雄性外生殖器与 *Nephus (Sidis) obsoletus* (Weise) *Scymnus (Sidids) obsoletus* Weise (Bielawski, 1984)^[1]相似, 但弯管末端之前的萼状突出仍有所区别; 特别是 *Nephus (Sidis) obsoletus* (Weise) 每一翅鞘上有两个浅色的斑点而与本种有明显的区别。

参 考 文 献

- 1 Bielawski R. Coccinellidae (Coleoptera) of Mongolia. Ann. Zoologici, Polska Akademia Nauk, Instytut Zoologii. 1984, Tom 38, Nr. 14, 337~339, fig. 101, 110~116

A NEW SPECIES OF COCCINELLIDAE FROM GANSU PROVINCE (COLEOPTERA: COCCINELLIDAE)

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Abstract This paper deals with a new species of *Nephus* Mulsant (Scymnini, Coccinellidae) from Minqin County, Wuwei City, Gansu Province. The type specimens are deposited in the South China Agricultural University.

***Nephus (Sidis) minqinensis* Mao et Li, sp. nov.**

Length: 1.8 mm; Width 1.4 mm. Elongate oval in outline, lateral margin of elytron slightly rounded, moderately convex with brown pubescens. Head yellowish brown. Pronotum, scutellum brown. Elytron yellowish brown with base, triangular area at scutellum and suture brown (fig. 1 A). Prosternum and abdominal sternites yellowish brown, but the mesonotum and metanotum reddish brown, legs yellowish brown. Male genitalia as in fig. 1E, 1F, 1G. The characters of the male genitalia similar to *Nephus (Sidis) obsoletus* (Weise) [Bielawski, 1984, *Symnus (Sidids) obsoletus* Weise], except the calyx-form structure before the apex. And, *Nephus (Sidis) obsoletus* (Weise) has two large, slightly transverse spots on each elytron.

Holotype: ♂, No. 8191 (6), May 18, 1981 collected from Minqin County, Gansu Province by Li Yazhe. Paratype: ♀, No. 8191 (7), May 18, 1981 collected from Minqin County, Gansu Province by Li Yazhe.